

## ABSTRACT OF THE DISCLOSURE

In a liquid crystal display apparatus including a transparent substrate, a plurality of first bus lines formed on the transparent substrate, a plurality of second bus lines formed on the transparent substrate substantially perpendicular to the first bus lines, a plurality of common electrode lines formed on the transparent substrate in parallel with the first bus lines, and a plurality of pixels each connected to one of the first bus lines, one of the second bus lines and one of the common electrode lines, a plurality of address marks are formed on the transparent substrate and each of the address marks is connected to one of the first bus lines, the second bus lines and the common electrode lines.

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